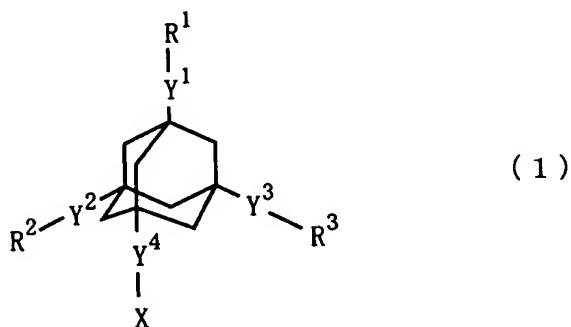


WHAT IS CLAIMED IS:

1. A material for dielectric films, which is a polymerizable composition comprising:  
an adamantanopolycarboxylic acid derivative represented by following Formula (1):



wherein X is a hydrogen atom, a hydrocarbon group or R<sup>4</sup>; R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup> and R<sup>4</sup> may be the same as or different from one another and are each a carbonyl halide group or a carboxyl group which may be protected by a protecting group; and Y<sup>1</sup>, Y<sup>2</sup>, Y<sup>3</sup> and Y<sup>4</sup> may be the same as or different from one another and are each a single bond or a bivalent aromatic cyclic group, wherein at least one of R<sup>1</sup>, R<sup>2</sup> and R<sup>3</sup> is a carbonyl halide group or a protected carboxyl group when X is a hydrogen atom or a hydrocarbon group, and at least one of R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup> and R<sup>4</sup> is a carbonyl halide group or a protected carboxyl group when X is R<sup>4</sup>;

an aromatic polyamine derivative represented by following Formula (2):



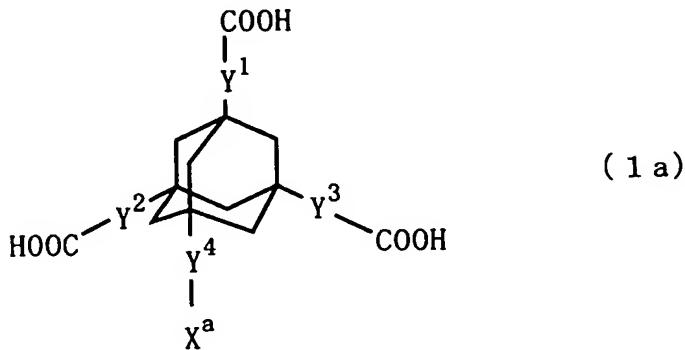
wherein Ring Z is a monocyclic or polycyclic aromatic ring; R<sup>5</sup>, R<sup>6</sup>, R<sup>7</sup> and R<sup>8</sup> are each a substituent bound to Ring Z, R<sup>5</sup> and R<sup>6</sup> may be the same as or different from each other and are each an amino group which may be protected by a protecting group, and R<sup>7</sup> and R<sup>8</sup> may be the same as or different from each other and are each an amino group which may be protected by a protecting group, a hydroxyl group which may be protected by a protecting group, or a mercapto group which may be protected by a protecting group, wherein at least one of R<sup>7</sup> and R<sup>8</sup> is a protected amino group, a protected hydroxyl group or a protected mercapto group when R<sup>5</sup> and R<sup>6</sup> are both amino groups; and

an organic solvent,

the adamantane polycarboxylic acid derivative and the aromatic polyamine derivative being dissolved in the organic solvent.

2. A material for dielectric films, which is a polymerizable composition comprising:

an adamantane polycarboxylic acid represented by following Formula (1a):



wherein  $X^a$  is a hydrogen atom, a carboxyl group or a hydrocarbon group; and  $Y^1$ ,  $Y^2$ ,  $Y^3$  and  $Y^4$  may be the same as or different from one another and are each a single bond or a bivalent aromatic cyclic group;

an aromatic polyamine derivative represented by following Formula (2):



wherein Ring Z is a monocyclic or polycyclic aromatic ring;  $R^5$ ,  $R^6$ ,  $R^7$  and  $R^8$  are each a substituent bound to Ring Z,  $R^5$  and  $R^6$  may be the same as or different from each other and are each an amino group which may be protected by a protecting group, and  $R^7$  and  $R^8$  may be the same as or different from each other and are each an amino group which may be protected by a protecting group, a hydroxyl group which may be protected by a protecting group, or a mercapto group which may be protected

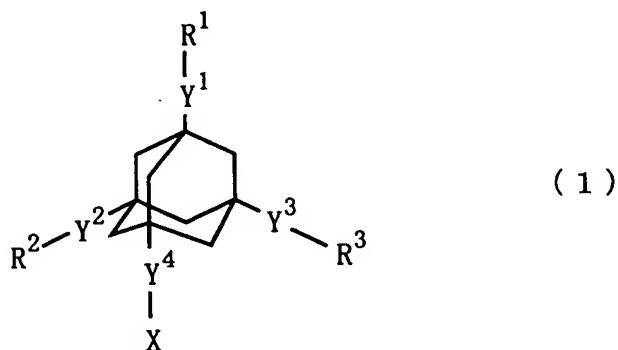
by a protecting group, wherein at least one of R<sup>7</sup> and R<sup>8</sup> is a protected amino group, a protected hydroxyl group or a protected mercapto group when R<sup>5</sup> and R<sup>6</sup> are both amino groups; and

an organic solvent,

the adamantane polycarboxylic acid and the aromatic polyamine derivative being dissolved in the organic solvent.

3. A material for dielectric films, which is a polymerizable composition comprising:

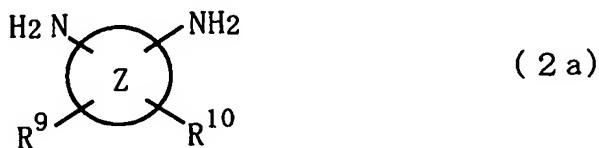
an adamantane polycarboxylic acid derivative represented by following Formula (1):



wherein X is a hydrogen atom, a hydrocarbon group or R<sup>4</sup>; R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup> and R<sup>4</sup> may be the same as or different from one another and are each a carbonyl halide group or a carboxyl group which may be protected by a protecting group; and Y<sup>1</sup>, Y<sup>2</sup>, Y<sup>3</sup> and Y<sup>4</sup> may be the same as or different from one another and are each a single bond or a bivalent aromatic cyclic group, wherein at

least one of  $R^1$ ,  $R^2$  and  $R^3$  is a carbonyl halide group or a protected carboxyl group when  $X$  is a hydrogen atom or a hydrocarbon group, and at least one of  $R^1$ ,  $R^2$ ,  $R^3$  and  $R^4$  is a carbonyl halide group or a protected carboxyl group when  $X$  is  $R^4$ ;

an aromatic polyamine represented by following Formula (2a):

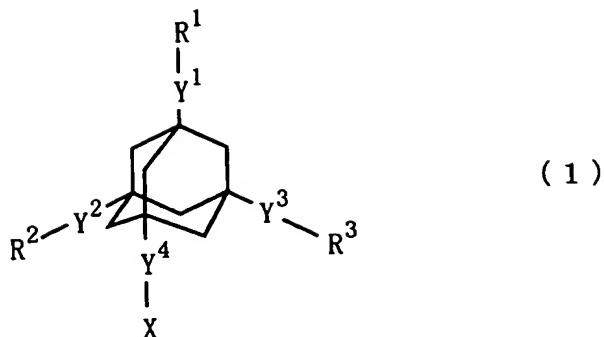


wherein Ring  $Z$  is a monocyclic or polycyclic aromatic ring; and  $R^9$  and  $R^{10}$  are each a substituent bound to Ring  $Z$ , may be the same as or different from each other and are each an amino group, a hydroxyl group or a mercapto group; and

an organic solvent,

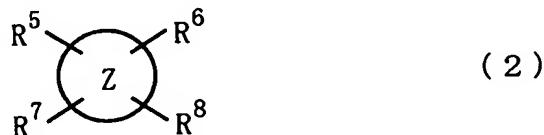
the adamantane polycarboxylic acid derivative and the aromatic polyamine being dissolved in the organic solvent.

4. A polymer which is a polymerized product of:  
an adamantane polycarboxylic acid derivative represented  
by following Formula (1):



wherein X is a hydrogen atom, a hydrocarbon group or R<sup>4</sup>; R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup> and R<sup>4</sup> may be the same as or different from one another and are each a carbonyl halide group or a carboxyl group which may be protected by a protecting group; and Y<sup>1</sup>, Y<sup>2</sup>, Y<sup>3</sup> and Y<sup>4</sup> may be the same as or different from one another and are each a single bond or a bivalent aromatic cyclic group, wherein at least one of R<sup>1</sup>, R<sup>2</sup> and R<sup>3</sup> is a carbonyl halide group or a protected carboxyl group when X is a hydrogen atom or a hydrocarbon group, and at least one of R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup> and R<sup>4</sup> is a carbonyl halide group or a protected carboxyl group when X is R<sup>4</sup>; and

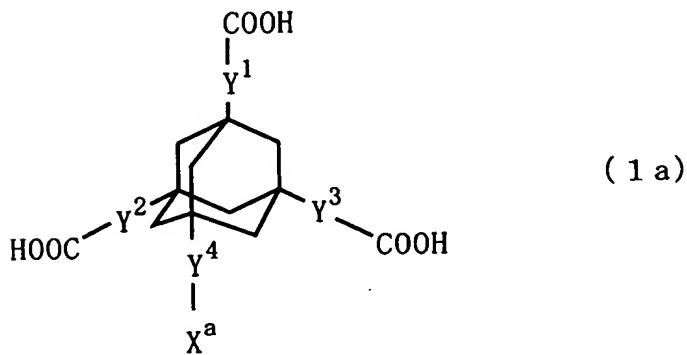
an aromatic polyamine derivative represented by  
following Formula (2):



wherein Ring Z is a monocyclic or polycyclic aromatic ring; R<sup>5</sup>, R<sup>6</sup>, R<sup>7</sup> and R<sup>8</sup> are each a substituent bound to Ring Z, R<sup>5</sup> and

$R^6$  may be the same as or different from each other and are each an amino group which may be protected by a protecting group, and  $R^7$  and  $R^8$  may be the same as or different from each other and are each an amino group which may be protected by a protecting group, a hydroxyl group which may be protected by a protecting group, or a mercapto group which may be protected by a protecting group, wherein at least one of  $R^7$  and  $R^8$  is a protected amino group, a protected hydroxyl group or a protected mercapto group when  $R^5$  and  $R^6$  are both amino groups.

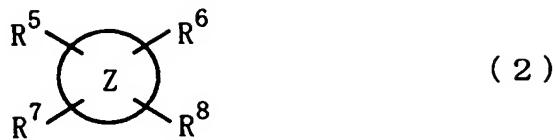
5. A polymer which is a polymerized product of:  
an adamantanopolycarboxylic acid represented by  
following Formula (1a):



wherein  $X^a$  is a hydrogen atom, a carboxyl group or a hydrocarbon group; and  $Y^1$ ,  $Y^2$ ,  $Y^3$  and  $Y^4$  may be the same as or different from one another and are each a single bond or a bivalent aromatic cyclic group; and

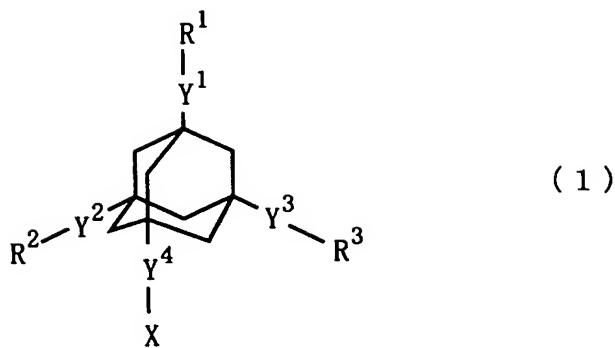
an aromatic polyamine derivative represented by

following Formula (2):



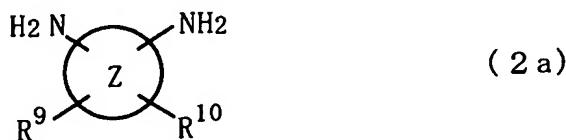
wherein Ring Z is a monocyclic or polycyclic aromatic ring; R<sup>5</sup>, R<sup>6</sup>, R<sup>7</sup> and R<sup>8</sup> are each a substituent bound to Ring Z, R<sup>5</sup> and R<sup>6</sup> may be the same as or different from each other and are each an amino group which may be protected by a protecting group, and R<sup>7</sup> and R<sup>8</sup> may be the same as or different from each other and are each an amino group which may be protected by a protecting group, a hydroxyl group which may be protected by a protecting group, or a mercapto group which may be protected by a protecting group, wherein at least one of R<sup>7</sup> and R<sup>8</sup> is a protected amino group, a protected hydroxyl group or a protected mercapto group when R<sup>5</sup> and R<sup>6</sup> are both amino groups.

6. A polymer which is a polymerized product of:  
an adamantane polycarboxylic acid derivative represented  
by following Formula (1):



wherein X is a hydrogen atom, a hydrocarbon group or R<sup>4</sup>; R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup> and R<sup>4</sup> may be the same as or different from one another and are each a carbonyl halide group or a carboxyl group which may be protected by a protecting group; and Y<sup>1</sup>, Y<sup>2</sup>, Y<sup>3</sup> and Y<sup>4</sup> may be the same as or different from one another and are each a single bond or a bivalent aromatic cyclic group, wherein at least one of R<sup>1</sup>, R<sup>2</sup> and R<sup>3</sup> is a carbonyl halide group or a protected carboxyl group when X is a hydrogen atom or a hydrocarbon group, and at least one of R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup> and R<sup>4</sup> is a carbonyl halide group or a protected carboxyl group when X is R<sup>4</sup>; and

an aromatic polyamine represented by following Formula (2a):



wherein Ring Z is a monocyclic or polycyclic aromatic ring; and R<sup>9</sup> and R<sup>10</sup> are each a substituent bound to Ring Z, may be

the same as or different from each other and are each an amino group, a hydroxyl group or a mercapto group.

7. A dielectric film comprising the polymer as claimed in any one of claims 4 to 6.